A Community Approach to Climate Action Planning and Implementation

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Debra Sachs, Director Alliance for Climate Action 10% Challenge Program, Burlington, VT





Today's remarks...

- Introduction
- The Process - Alliance for Climate Action and 10% Challenge program
- Education and Outreach
- · Lessons Learned and Next Steps

Burlington's Climate Action Plan...

- 2-year task force process, plan adopted by City Council in 2000
- Five broad strategies to reduce annual GHG emissions by 156,000 tons
- Plan highlights need to raise public awareness, to educate, and to motivate people
- Establishes an "advocacy" function

The Climate Action Plan

A Plan to Save Energy and Reduce Greenhouse Gas Emissions



Burlington Climate Protection Task Force Burlington, Vermont, USA March 2000

Adopted by Burlington City Council--May 1, 2000

Identify/enhance your assets...



Municipally-owned power plant fueled by renewable resources; and \$11M local investments in energy efficiency programs, saving \$8 million annually





Five Plan Strategies

- 1. Implement climate action plans for municipal buildings and operations
- 2. Support efficiency programs
- 3. Public education campaign: 10% Challenge
- 4. Support alternative-energy fuel options
- 5. Implement climate-friendly transportation projects

Alliance for Climate Action

- · City of Burlington (Mayor, Planning, Economic Dev., Public Works, Eco-Info and Legacy projects)
- Burlington Electric Department
- Chittenden County Regional Planning Commission
- Chittenden Metropolitan Planning Organization
- Chittenden County Transportation Authority
- Vermont Energy Investment Corp/Efficiency VT
- · Vermont Department of Public Service
- · Vermont Agency of Natural Resources
- Vermont Agency of Transportation (Vtrans)
- · E-Vermont (alt-fueled vehicles)
- University of VermontFletcher Allen Health Care
- Underground Railway Theater
- · Vermont Community Foundation

Alliance for Climate Action Mission

- To support implementation of the plan to reduce GHG emissions by 10 percent.
- To monitor and report the community's progress.
- To work with regional and statewide entities to achieve this aim, and to support the expansion of this effort beyond the City of Burlington.

From planning to implementation...10% Challenge

A voluntary program for households and businesses to reduce CO_2 emissions by 10 percent by 2010

(70K tons, almost 1/2 of our reductions goal!)



Enlist: Burlington's homeowners, businesses, government and schools to join.

Empower: Burlington's citizens with the information, tools and support to reduce emissions.

Document: Burlington's community progress

Recognize: using a common platform across which these actions might be recognized, tracked, and reported to the community.

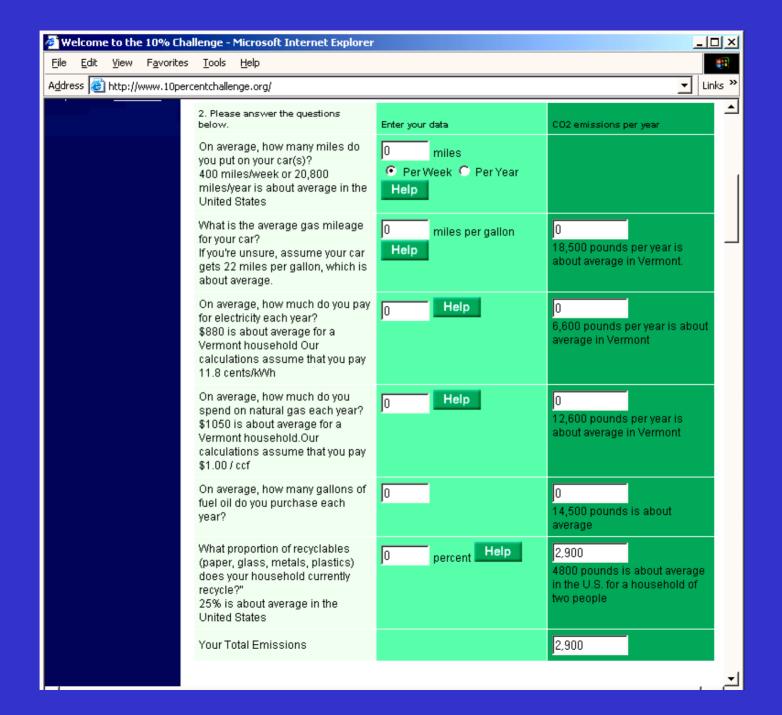


The program is...

- Voluntary and participatory
- Two sectors
- · All ages and profiles
- · Web site and support (EPA calculator)
- · On-line and on paper
- Multiple marketing layers
- Monitoring and Reporting "back office"







Home Energy Actions

The following actions save energy, money, and reduce your greenhouse gas emissions. Select the actions you plan to implement, to see how much each action saves. The actions are divided into two categories. Choose from the first set if you decide to replace equipment that is currently working. Choose actions in the second section if you are already shopping for new equipment (you are not retiring something to reduce emissions) and you plan to choose efficient equipment. Please note that it is fine to choose some actions from the first set and some from the second to help you reach your 10% Challenge Goal.

Replace Inefficient Home Energy Equipment:

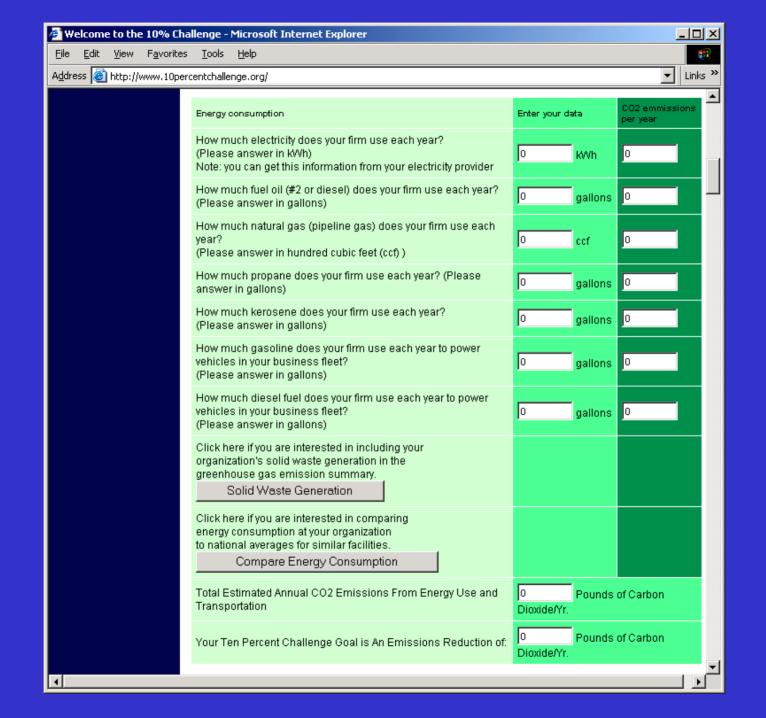
Select actions in this section if you plan to retire items early and replace them with more energy efficient equipment. This can be a great way to reduce your houshold emissions.

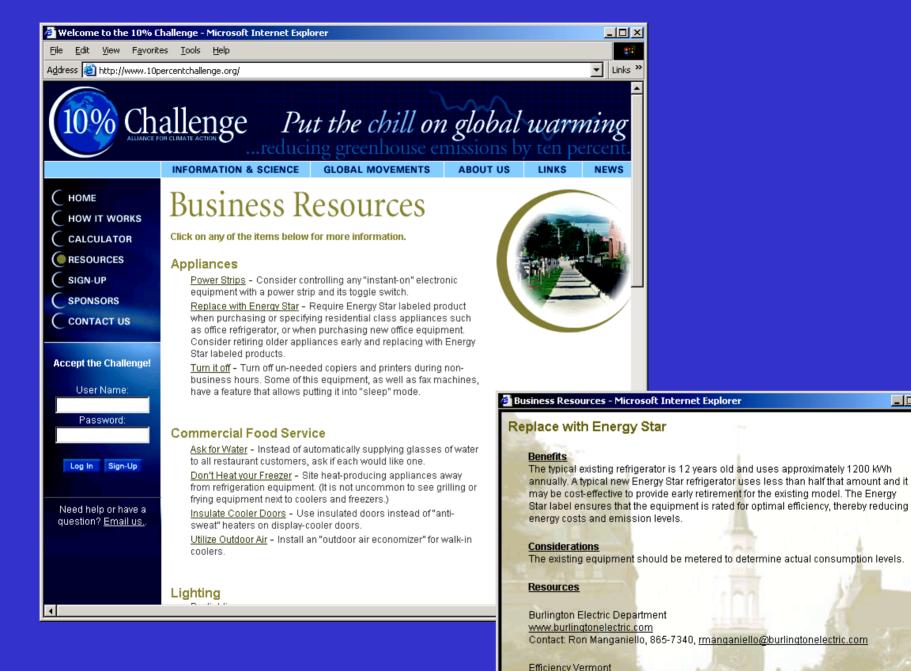
Suggested action:	Pounds of CO2 you could	avoid	Will you take this action?
Lighting			
Replace 0 incandescent light bulb(s) with high efficiency compact fluorescent lamp(s).	0 pounds/yr	0 % of your total	○ Yes • No
Install dedicated fluorescent fixture(s) instead of a fixture(s) that uses incandescent bulbs. Help	0 pounds/yr	0 % of your total	○ Yes • No
Replace 0 halogen torchiere(s) with a compact fluorescent model.	0 pounds/yr	0 % of your total	○ Yes • No
Install Instal	0 pounds/yr	0 % of your total	○ Yes • No

If so, I	ld you reduce the amount of te your household generates? , by how much? percent more. example, you could increase art backyard composting, buy in bulk, reuse garbage bags	0 poun	ds/yr 0 of your tota	% Yes	
If so, I	te your household generates? , by how much? percent more. example, you could increase art backyard composting, buy in bulk, reuse garbage bags	0 poun		~	
O For exor star food i	percent more. example, you could increase art backyard composting, buy in bulk, reuse garbage bags				
For ex or sta food i and g	example, you could increase art backyard composting, buy in bulk, reuse garbage bags				
	glass jars, etc. elp				
	Tips for Further Savings				
Chal	gratulations on signing				
	cted, you will reduce your	0 pounds/yr	 0	% of your total	
	SSIONS DY	2,900	pounds/yr		
	new total annual CO2 ssions will be	12,300			









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Promotion & Outreach



Bus Signs



Press Conferences



the chill o.

bal warming

Other efforts:

- Participation forms
- Brochures
- · PSA's

Business Cards-Tips



Events





Businesses accept the 10% Challenge...



10% Challenge Awards Breakfast for Businesses



Rhino Foods recognized by Governor Dean and Mayor Clavelle at 2001 Climate Wise Awards Breakfast, Burlington Boathouse.

ACA recognizes
participants for
their leadership
and plans to
communicate
their successes
to the community

We Want to Have Fun...





Climo-dino...our extinction consultant and messenger

Moving ahead. . .

Partnering with municipalities, State of Vermont, EPA, DOE and others in next steps:

- Tracking and reporting community progress
- Promote 10% Challenge
- Recognize achievements
- Explore transportation demand management (TDM) strategies
- · Move program beyond Burlington
- Participate in and share experiences
- Have fun!!

Lessons learned...

- Motivate for action (time, health, money, quality of life)
- Don't let the science, or lack there of, slow you down
- Find a champion (find more than one)
- Involve many stakeholders at the outset (utilities, faith-based orgs)
- Make it part of a larger vision (involve regional entities)

Lessons learned (con't)

- Keep it simple—message for kids
- Have fun (Climo-Dino)
- 8. Tout early success stories
- Have a hook (10% challenge)-single image/branding
- 10. Government initiated, via a coalition or alliance of government and non-government entities

New England Cites for Climate Protection Network-NECCPN

Objectives

- To provide a forum for elected officials and staff to share experiences, stories and lessons learned
- To develop a common set of tools for use by all communities
- To work more closely with states and provinces to implement the 2001 Regional Climate Action Plan

New England Cites for Climate Protection Network-NECCPN

Priorities/Needs

- 1. Networking to achieve politically difficult things.
- 2. Recruit other communities to get involved
- 3. Bring outside resources to the table
- 4. Form a speakers bureau, organized presentation for community outreach.
- 5. Develop a resource directory (who do they work for, what is their background and what have they been doing)

Resources and Contacts

Alliance for Climate Action

Tom Buckley, Chair, tbuckley@burlingtonelectric.com Debra Sachs, Director, dsachs@ccrpcvt.org (802) 846-4490 x249

Laura Pagliarulo, <u>lpagliarulo@10percentchallenge.org</u> Erika Swahn, <u>eswahn@10percentchallenge.org</u>

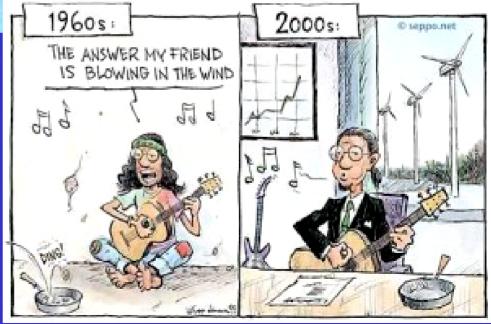
 Ten Percent Challenge Program <u>www.10percentchallenge.org</u> or 802-865-7375

ICLEI, www.iclei.org



Climate change is real... Can we afford to wait any longer?

... Vermonters aren't waiting, they're accepting the challenge!!



CO₂ emissions profile for Burlington

